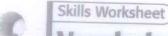
Name	Class	
	Class	Date



Vocabulary Review

In the space provided, write the letter of the description that best matches the term or phrase.

- ___ 1. heredity __ 2. genetics 3. monohybrid cross ___ 4. true-breeding _____ 5. P generation 6. F₁ generation 7. F₂ generation 8. alleles 9. dominant 10. recessive _11. homozygous ____12. heterozygous genotype ____14. phenotype 15. law of segregation __16. law of independent assortment
- a. the alleles of a particular gene are different
- b. the two alleles for a trait separate when gametes are formed
- c. the alleles of different genes separate independently of one another during gamete formation
- d. not expressed when the dominant form of the trait is present
- e. passing of traits from parents to offspring
- f. all the offspring display only one form of a particular trait
- g. the expressed form of a trait
- h. first two individuals crossed in a breeding experiment
- i. physical appearance of a trait
- j. a cross that considers one pair of contrasting traits
- **k.** offspring of the F_1 generation
- I. when the two alleles of a particular gene are the same
- m. branch of biology that studies heredity
- n. different versions of a gene
- o. offspring of the P generation
- p. set of alleles that an individual has

Name	Class	Date
Vocabulary Review continu	ed	
Write the correct term from to	he list below in the sp	
incomplete dominance multiple alleles	polygenic trait	Punnett square sex-linked trait
	probability	test cross
	cross of a homozygo	s the outcomes of a genetic
	of unknown genotyp	ith a dominant phenotype
19.	the likelihood that a	specific event will occur
		shows how a trait is inherited
		ocated on the X chromosome
	when several genes ir	
	when an individual di intermediate between	splays a trait that is the two parents
24. t	wo dominant alleles a same time	are expressed at the
25. 9	enes with three or me	- W 1

Name	Class	Date
Name		
		- Free Patricina (A. S.
Section: Studying Herec	lity	41. 41. 41. 41. 41. 41. 41. 41. 41. 41.
In the space provided, write the leach statement or best answers	etter of the term or ph	rase that best completes
1. In a pedigree, two nor disorder. Based on this	is information, you kn	a child with a genetic ow that the genetic
disorder is caused by	a	tt-allala
a. sex-linked allele.		minant allele. ssive allele.
b. dominant allele.		
white-flowering plant flowering pea plant?	ross are some purples. What is the genotyp	flowering plants and some be of the original purple-
a. PP		
b. pp	Name of the last o	
c. Pp d. There is not enoug	th information.	
 3. In a pedigree, a carrie a. normal individual. b. individual who has c. square. 		ed as a(n)
d. circle.		
a. located on the X c b. located on autoso	hromosome c. usua	t sex-linked traits? ally recessive ally seen in males
In the space provided, write the	letter of the description	on that best matches the
term or phrase.		
5. homozygous recessiv	and ww	ross between the parents W
6. 1 WW: 2 Ww: 1 ww	b. result from a Ww and Ww	a cross between the parents
7. Punnett square		nat an event will occur
8. test cross		rmine the genotype of a
9. probability		ering pea plant
10. all Ww offspring	e. diagram use genetic cros	d to predict the outcome of s
	f. good choice find out the might be We	of genotype for a test cross genotype of an individual w v or WW

Name	Class Date
	No.
Section: Complex Patter	ns of Heredity
In the space provided, write the le each statement or best answers e	etter of the term or phrase that best completes ach question.
1. When several genes in	fluence a trait, the trait is said to be
a. polygenic.	c. codominant.
b. incompletely domin	
	patterns of heredity can result in an intermediate
trait, such as pink snap a. multiple alleles	dragon nowers?
b. incomplete dominar	200
c. codominance	ice
d. sex-linked alleles	
	is responsible for the color of hydrangea flowers,
	pH of the soil in which they are grown?
a. multiple allelesb. incomplete dominar	120
c. codominance	ice
d. environmental cond	itions
w christian con	ILLOID.
4. Which of the following allele?	genetic disorders is caused by a sex-linked
a. sickle cell anemia	c. hemophilia A
b. hypercholesterolemi	
	an Tay Sacris disease
- 4	
n the space provided, write the le- erm or phrase.	tter of the description that best matches the
erin or pinase.	
5. sickle cell anemia	a. determine the different ABO blood types
6. Huntington's disease	b. caused by a mutated allele that results in a defective hemoglobin protein
7. gene therapy	c. caused by a dominant allele located on an
9 denotic commelian	autosome
8. genetic counseling	d. changes in DNA that can cause genetic
9. mutation	disorders
200	e. informing people about genetic problems
10. multiple alleles	they or their offspring might have
	f. replacing defective genes with copies of
	healthy genes, using gene technology